

Recommended Lead Screening Schedule



1. For all children enrolled in MaineCare, use a venous or capillary blood sample to test for lead at 1 and 2 years of age.



2. For children not enrolled in MaineCare, use the following questionnaire to determine a child's level of risk at 12 months and 24 months of age:

- a. Does your child spend more than 10 hours per week in any house built before 1950?
- b. Does your child spend more than 10 hours per week in any house built before 1978 that was renovated or remodeled within the past 6 months?
- c. Does your child spend time with an adult whose job exposes him or her to lead? (Examples: construction, painting, metalwork)
- d. Is your child enrolled in MaineCare?

If the parent answers "yes" or "I don't know" to any of these questions, a **blood lead test** should be performed.



3. Screen all children 36-72 months of age if they have not previously been tested, or they have changed their residence since their previous screening and are determined to be at risk for lead exposure.



4. In addition to testing children on the basis of risk, consider testing for lead exposure in:
 - ♦ Children diagnosed with pica, developmental delays, behavioral problems or ADHD
 - ♦ Children presenting with unexplained illness such as severe anemia, lethargy or abdominal pain

Collection supplies for blood lead samples and mailing containers may be obtained at no charge by calling the
State of Maine Health and Environmental Testing Lab
at (207) 287-2727.



John E. Baldacci, Governor

Department of Health
and Human Services

Maine People Living
Safe, Healthy and Productive Lives

Brenda M. Harvey, Commissioner



Recommended Clinical Management of Elevated Blood Lead Levels in Young Children

- ♦ All capillary blood lead tests resulting in a level ≥ 10 $\mu\text{g/dl}$ should be confirmed with a venous specimen.
- ♦ Refer to the chart below for follow-up on all elevated venous blood lead test results.

Venous blood level	Follow-up venous blood lead test schedule	Additional laboratory tests	Suggested long-term follow-up (after first 2-4 tests)	Maine Childhood Lead Poisoning Prevention Program Interventions
<10 $\mu\text{g/dl}$	Consider retest if blood lead level is close to 10 $\mu\text{g/dl}$	None	None	None
10-14 $\mu\text{g/dl}$	3 months	None	6-9 months	♦ Educational materials mailed to family
15-19 $\mu\text{g/dl}$	2 months	None	3-6 months	♦ Referral for Public Health Nurse home visit ♦ Referral for environmental lead investigation
≥ 20 $\mu\text{g/dl}$	1 month	CBC ZPP	1-3 months	♦ Referral for Public Health Nurse home visit ♦ Referral for environmental lead investigation
≥ 45 $\mu\text{g/dl}$	Repeat venous blood test immediately Chelation therapy as indicated	CBC ZPP G6PD Iron Studies	Based on chelation protocol	♦ Referral for Public Health Nurse home visit ♦ Referral for environmental lead investigation ♦ Assistance in locating alternative lead-safe housing

Note: This is a suggested basic course of management, not a mandated protocol. It is recommended that treatment guidelines be used in conjunction with consultation with physicians experienced in treating childhood lead poisoning, especially if chelation therapy is indicated. For more information, contact the Maine Childhood Lead Poisoning Prevention Program by calling (207) 287-4311 or 1(866) 292-3474.

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